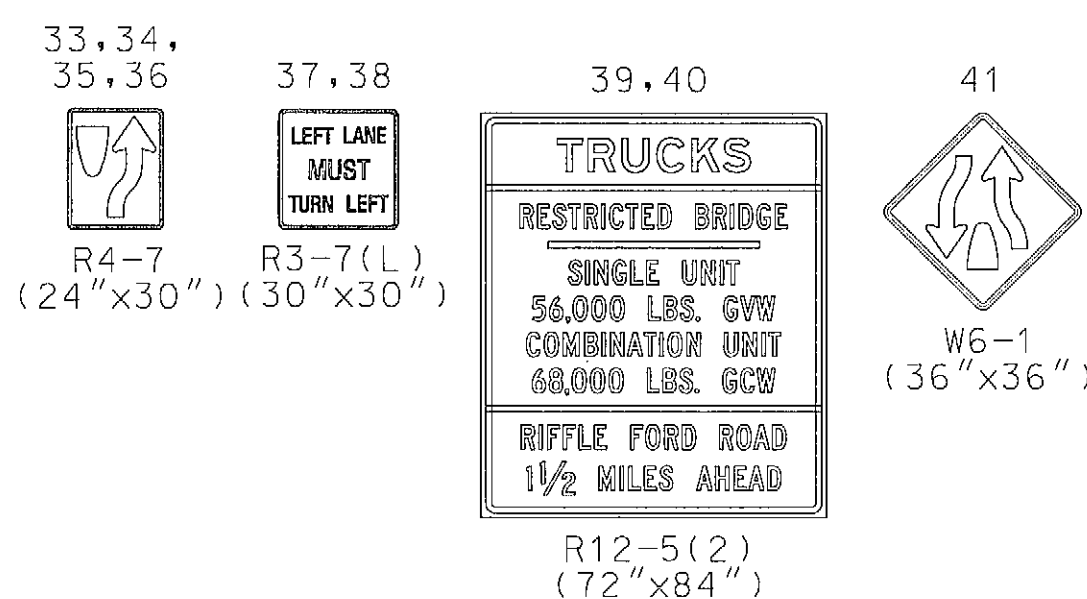
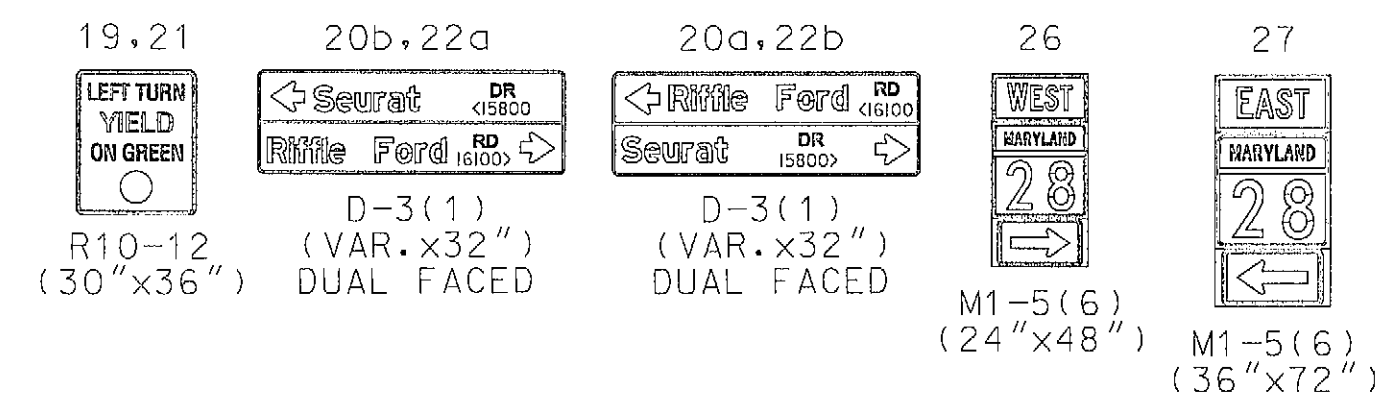
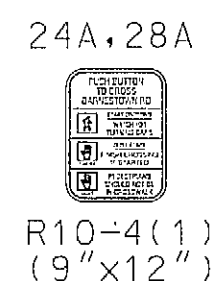


### EXISTING SIGNS



EXISTING SIGNS  
TO BE REMOVED



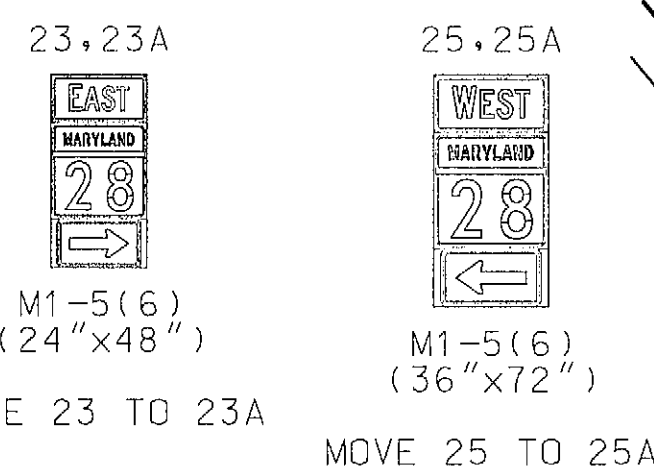
CONSTRUCTION DETAILS:

- A. REMOVE EXISTING PEDESTAL POLE, ALL ASSOCIATED EQUIPMENT AND FOUNDATION.
- B. REMOVE PEDESTRIAN SIGNALS, PUSHBUTTON, AND SIGN FROM EXISTING SIGNAL POLE.
- C. REMOVE PEDESTRIAN SIGNAL FROM EXISTING SIGNAL POLE.
- D. REMOVE PEDESTRIAN SIGNAL FROM EXISTING SIGNAL POLE AND INSTALL VIDEO DETECTION CAMERA.
- E. INSTALL AN 18"x36" CONCRETE FOUNDATION WITH A 10-FOOT PEDESTAL POLE, 16-INCH COUNTDOWN LED PEDESTRIAN SIGNAL, APS PUSHBUTTON AND SIGN (1-2" CONDUIT BEND). (STANDARD NO. MD 801.01-01)
- F. FURNISH AND INSTALL 2 INCH RIGID PVC CONDUIT - TRENCHED.
- G. USE EXISTING HANDHOLE.
- H. USE EXISTING CONDUIT.
- I. ADJUST HANDHOLE TO GRADE WITH NEW FRAME AND COVER.
- K. CAP AND ABANDON EXISTING CONDUIT.
- L. USE EXISTING CONTROLLER.
- M. REMOVE EXISTING PAVEMENT MARKING.
- N. INSTALL 12-INCH HEAT APPLIED WHITE PERMANENT PAVEMENT MARKINGS.
- P. ABANDON EXISTING LOOP DETECTOR.
- Q. CAP AND ABANDON EXISTING CONDUIT.
- R. INSTALL VIDEO DETECTION CAMERA ON SIGNAL ARM.
- S. RELOCATE EXISTING SIGNS.

APS PUSHBUTTON NOTES:

1. PUSHBUTTONS ARE TO BE LOCATED SO THAT THEY CAN BE ACTIVATED BY A PERSON IN A WHEELCHAIR REACHING LESS THAN 18" FROM A 60"x60" LEVEL LANDING AREA WITH A CROSS SLOPE OF LESS THAN OR EQUAL TO 2%.
2. THE 10' SEPARATION BETWEEN PUSHBUTTONS IS TO BE MEASURED FROM FACE OF PUSHBUTTON TO FACE OF PUSHBUTTON, NOT CENTER TO CENTER OF POLE.
3. PUSHBUTTONS MUST MEET LOCATION REQUIREMENTS OF MUTCD SEC. 4E.08 AND 4E.10 AND FIG. 4E.3 AND 4E.4 AND NCHRP PUBLICATION, "ACCESSIBLE PEDESTRIAN SIGNAL: GUIDE TO BEST PRACTICE". IF NOT MET, THE CONTRACTOR IS TO STOP WORK ON PUSHBUTTON LOCATIONS UNTIL A DESIGN WAIVER IS OBTAINED, APPROVED BY THE DIRECTOR, OFFICE OF TRAFFIC AND SAFETY.
4. PUSHBUTTON ARROWS ARE TO BE PARALLEL TO THE CROSSING FOR WHICH THEY ARE INTENDED.
5. SIGNAL POLES WITH PUSHBUTTONS MAY HAVE THE FOUNDATION INSTALLED AS PART OF THE CURB OR SIDEWALK AS DIRECTED BY THE ENGINEER.

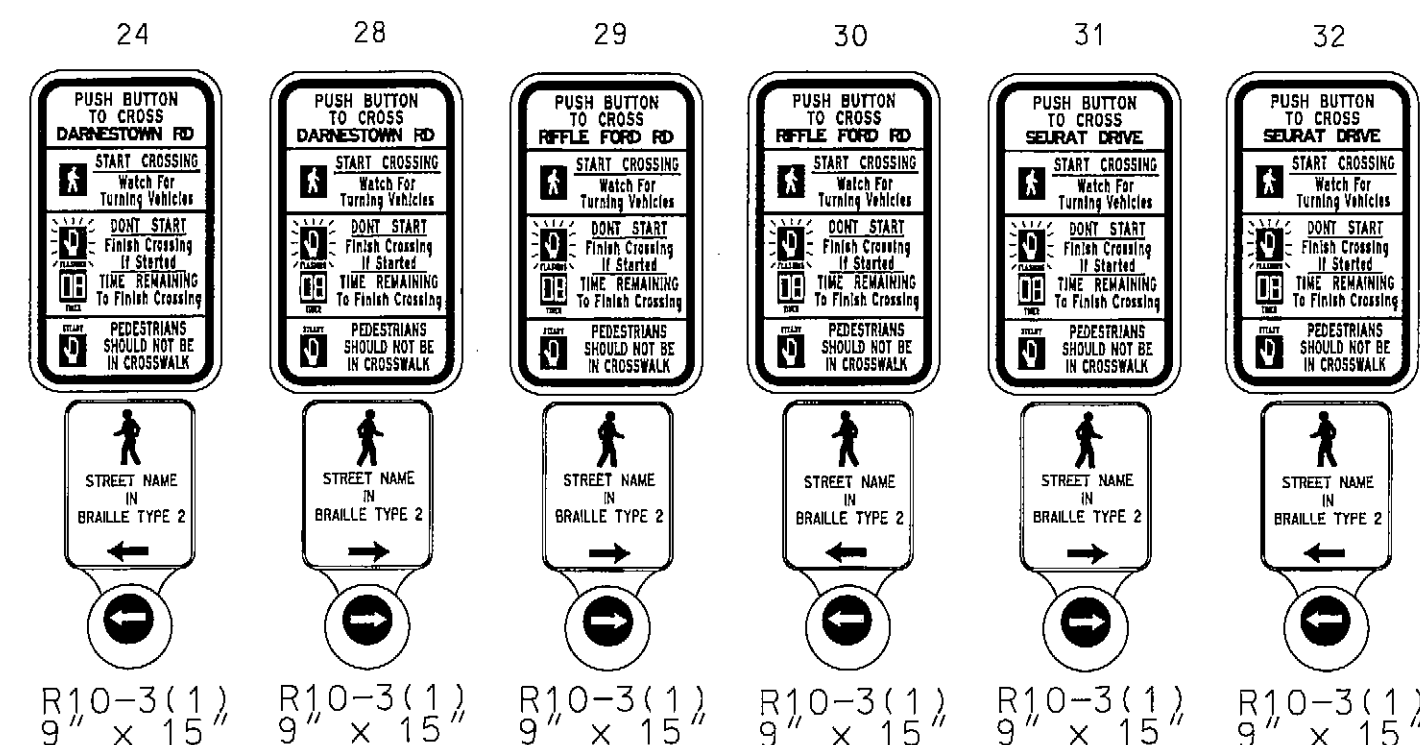
EXISTING SIGNS  
TO BE RELOCATED



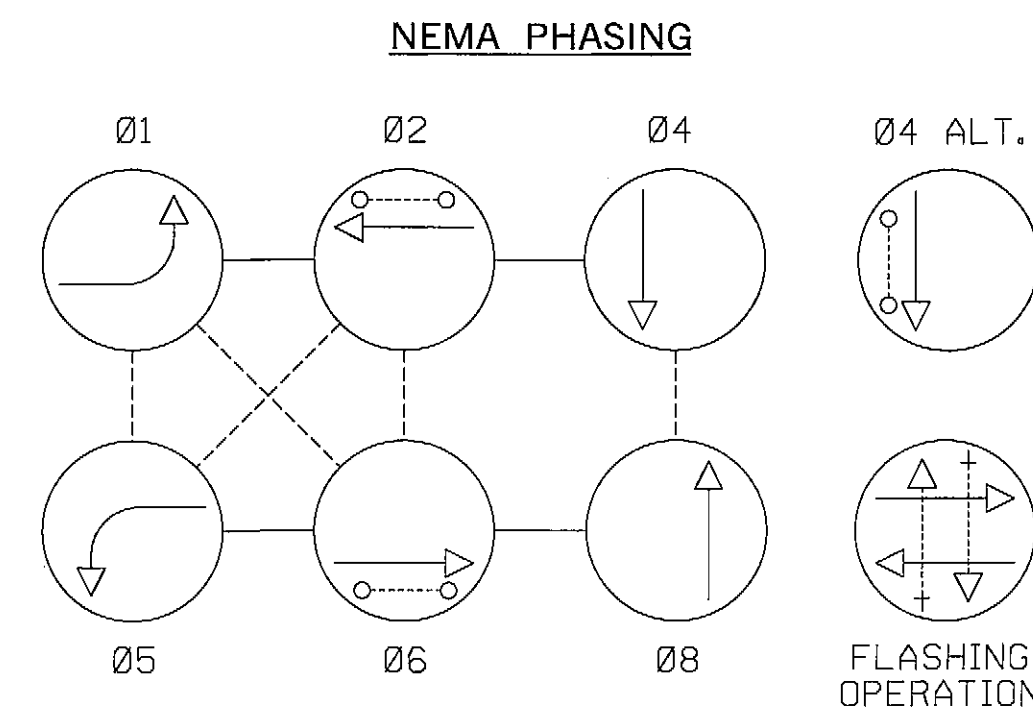
## PROPOSED SIGNALS



PROPOSED VIDEO  
DETECTION

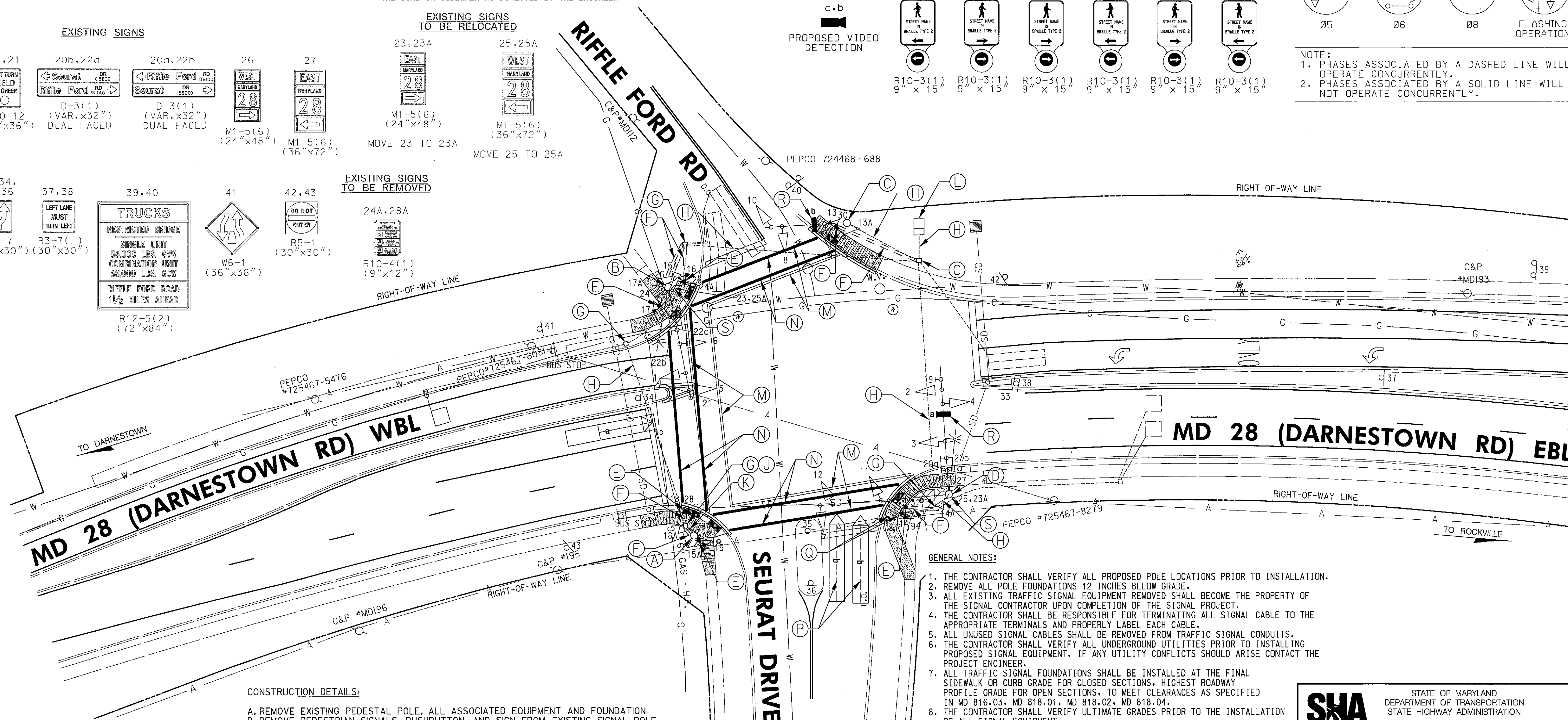


### PROPOSED SIGNS



NOTE:

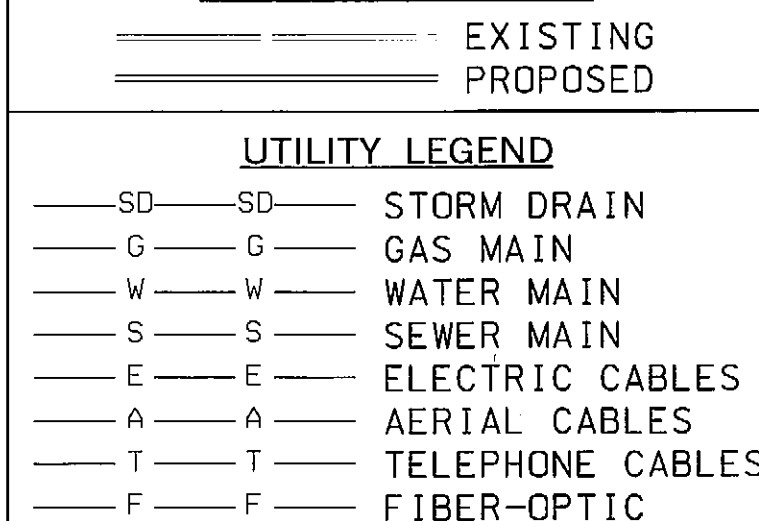
1. PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.
2. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.



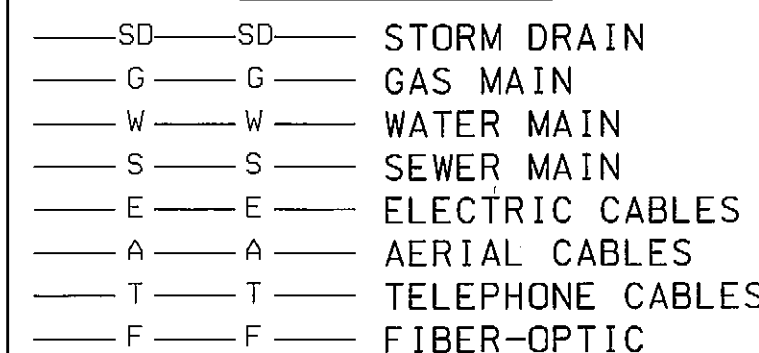
GENERAL NOTES:

1. THE CONTRACTOR SHALL VERIFY ALL PROPOSED POLE LOCATIONS PRIOR TO INSTALLATION.
2. REMOVE ALL POLE FOUNDATIONS 12 INCHES BELOW GRADE.
3. ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE SIGNAL PROJECT.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLE TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE.
5. ALL UNUSED SIGNAL CABLES SHALL BE REMOVED FROM TRAFFIC SIGNAL CONDUITS.
6. THE CONTRACTOR SHALL VERIFY ALL UNDERGROUND UTILITIES PRIOR TO INSTALLING PROPOSED SIGNAL EQUIPMENT. IF ANY UTILITY CONFLICTS SHOULD ARISE CONTACT THE PROJECT ENGINEER.
7. ALL TRAFFIC SIGNAL FOUNDATIONS SHALL BE INSTALLED AT THE FINAL SIDEWALK OR CURB GRADE FOR CLOSED SECTIONS, HIGHEST ROADWAY PROFILE GRADE FOR OPEN SECTIONS, TO MEET CLEARANCES AS SPECIFIED IN MD 816.03, MD 818.01, MD 818.02, MD 818.04.
8. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.
9. CONTRACTOR TO REMOVE EXISTING LANDSCAPE AS NECESSARY TO INSTALL TRAFFIC SIGNAL EQUIPMENT.
10. ALL PAVEMENT MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH MSHA STANDARDS.
11. RIGHT-OF-WAY INFORMATION AS SHOWN ON SIGNAL PLAN OF RECORD.

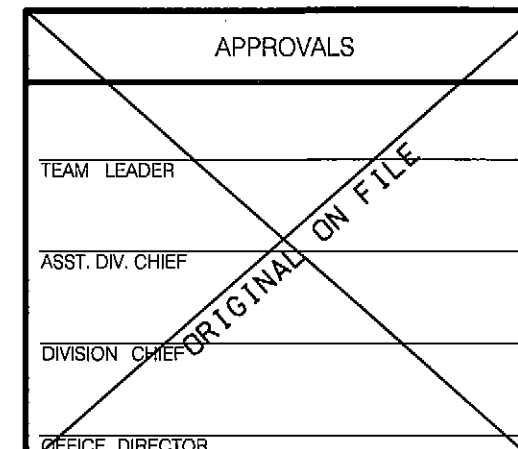
### GEOMETRIC LEGEND



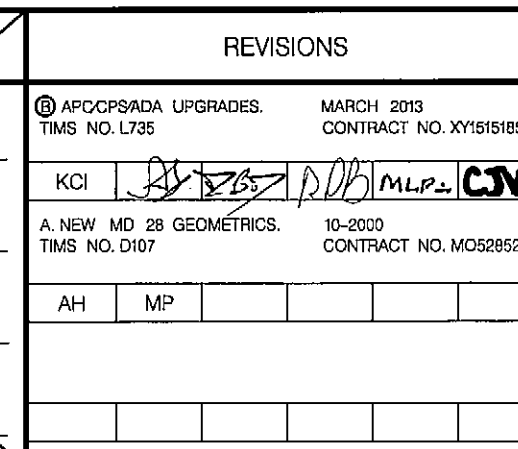
### UTILITY LEGEND



APPROVALS



## REVISIONS



## TRAFFIC SIGNAL PLAN

SCALE		1" = 20'		ADVERTISED DATE		4-18-96		CONTRACT NO.		AW-791-479-38	
DESIGNED BY		-		COUNTY		MONTGOMERY					
DRAWN BY		S. CHERNAK		LOGMILE		15002815.21					
CHECKED BY		M. RUCKER		TIMS NO.		-					
F.A.P. NO.		STPG-0005(301) E		TOD NO.		--					
TS NO. 3602 B				DRAWING SG- 1 OF 3				SHEET NO. 19 OF 24			

PLOTTED: "10:26 AM on Tuesday, April 02, 2013"  
FILE: M:\2009\01090619.87\drawings\pSG-PC07 MD28.dgn